

Customer No.: 31561
Application No.: 10/604,510
Docket NO.: 9843-US-PA

REMARKS

Response to 35 U.S.C. 121

The Examiner issued a Restriction Requirement dated November 27, 2006. According to the Restriction Requirement, there are patentably distinct groups and species in the claimed invention and a restriction to one of these species of the elected group in claims is required under 35 U.S.C. 121.

According to the species made by the Office Action, Applicant elects Species I of Group I, directed to a method comprising modulating an original data signal when a duration of the same status of the original data signal is less than a minimum transit period of the clock signal, i.e., claims 1-6. Please withdraw the following groups and species without prejudice, disclaimer or waiver.

1. Group I, Species directed to a method comprising encoding 16-bit data so as to obtain 12-bit data and converting the 12-bit data into 8-bit data by querying a modified decoding table, i.e., claims 7-16;

2. Group II, claims 17 & 18, drawn to a pre-treating circuit for accessing a disc, comprising a waveform synthesizer, a delay unit, a lag determining and selecting circuit, and a delayed multiplexer, classified in class 369, subclass 47.28.

Applicant also reserves the right to pursue the subject matter of the non-elected claims in a divisional application if Applicant chooses.

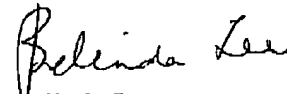
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CONCLUSION

In view of the foregoing, claims 1-6 remain pending in the application. Favorable consideration and allowance of the present application and all pending claims are hereby courteously requested. In the event a telephone conversation would expedite the prosecution of this application, the Examiner is encouraged to contact the undersigned attorney to discuss the application.

Date: Dec-27, 2006

Respectfully submitted,


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